

CLAIMS

1. A system for protecting the integrity of subscribers when positioning a mobile terminal (2b) via a location based service client (5), in relation to said location based service client (5), in a communications system, characterised by

a gateway mobile location centre (4) adapted to:
receive a request for an alias identity from an entity (1a) initiating a positioning request for a subscriber (2a) associated with said mobile terminal (2b) to be positioned,

assign an alias identity for said entity (1a) and/or for said subscriber (2a),

store said alias identity for said entity (1a) and/or said subscriber (2a) in association with an identity of said entity (1a) and said subscriber (2a), respectively,

receive a positioning request from said location based service client (5) for said subscriber (2a), said request including said alias identity for said subscriber (2a),

look up the subscriber number matching said alias identity for said subscriber (2a),

perform a positioning request for said mobile terminal (2b) in an associated network (3), and

send a response including location information received from said network (3) and said alias identity to said location based service client (5).

2. A system according to claim 1, characterised by a service control point (6) adapted to:

receive a request for an alias identity for said entity (1a) and/or said subscriber (2a) from a mobile switching centre (7),

forward said request for an alias identity to said gateway mobile location centre (4) to retrieve said alias

identity for said entity (1a) and said subscriber (2a), and

send a response including said alias identity for said entity (1a) and said subscriber (2a) to said mobile switching centre (7).

3. A system according to claim 2, **characterised** in that said mobile switching centre (7) is adapted to forward the positioning request from said entity (1a) with said alias identity for said entity (1a) and said subscriber (2a) to said location based service client (5).

10 4. A system according to claim 3, **characterised** in that said positioning request from said entity (1a) is an SMS message and that said mobile switching centre (7) is adapted to forward said positioning request from said entity (1a) to said location based service client (5) via an SMS-Centre (9).

15 5. A system according to claim 3, **characterised** in that said positioning request from said entity (1a) is a voice call and that said mobile switching centre (7) is adapted to forward said positioning request from said entity (1a) to said location based service client (5) via a call centre or IVR.

20 6. A system according to any of the preceding claims, **characterised** in that said entity is a subscriber.

25 7. A system according to any of the preceding claims, **characterised** in that said alias identity is a E.164 number.

8. A method for protecting the integrity of subscribers when positioning a mobile terminal (2b) via a location based service client (5), in relation to said location based service client (5), in a communications system, **characterised** by the steps of:

assigning an alias identity for an entity (1a)
initiating a positioning request and/or for a subscriber (2a) associated with said mobile terminal (2b) to be positioned,

35 storing said alias identity for said entity (1a)

and/or for said subscriber (2a) in association with the subscriber number of said entity (1a) and said subscriber (2a), respectively,

receiving a positioning request from said location based service client (5) for said subscriber (2a), said request including said alias identity for said subscriber (2a),

looking up the number matching said alias identity for said subscriber (2a),

performing a positioning request for said mobile terminal (2b) in an associated network (3), and

sending a response including location information received from said network (3) and said alias identity to said location based service client (5).

9. A method according to claim 8, **characterised** by the steps of:

at a service control point (6), receiving a request for an alias identity for said entity (1a) and said subscriber (2a) from a mobile switching centre (7),

forwarding said request for an alias identity to said gateway mobile location centre (4) to retrieve said alias identity for said entity and said subscriber (2a), and

sending a response including said alias identity for said entity (1a) and said subscriber (2a) to said mobile switching centre (7).

10. A method according to claim 9, **characterised** by the step of:

from said mobile switching centre (7), forwarding the positioning request from said entity (1a) with said alias identity for said entity and said subscriber (2a) to said location based service client (5).

11. A method according to claim 10, **characterised** in that said positioning request from said entity (1a) is an SMS message and that said positioning request from said entity (1a) is forwarded to said location based service

client (5) via a an SMS-Centre (9).

12. A method according to claim 10, **characterised** in that said positioning request from said entity (1a) is a voice call and that said positioning request from said
5 entity (1a) is forwarded to said location based service client (5) via a call centre or IVR.

13. A method according to any of the claims 8-12, **characterised** in that said entity is a subscriber.

14. A method according to any of the claims 8-12,
10 **characterised** in that said alias identity is a E.164 number.

15. A computer program comprising program instructions for causing a computer to perform the method of any of the claims 8-14.

15 16. A computer program on a carrier and comprising computer executable instructions for causing a computer to perform the method according to claims 8-14.

17. A computer program according to claim 16, wherein said carrier is a record medium, computer memory, read-only
20 memory or an electrical carrier signal.